

**COMNAVAIRFORINST
4790.2A
Change One**

**The Naval Aviation Maintenance Program (NAMP)
HIGHLIGHTS**

Change One to the NAMP has change indicators **A}**, **D}**, and **R}** placed within the text indicating the specific action taken. **A}** indicates information has been added, **D}** indicates a deletion, and **R}** indicates a revision to that section. The affected section of the text will be underlined. The following are Change One highlights:

Chapter 1 - Introduction and Guide for Using the Naval Aviation Maintenance Program (NAMP) Instruction, Overview of the NAMP, and Organization for Naval Aviation Maintenance

1. Clarifies the definition of Operational Risk Management (ORM) and mandates its use in the Naval Aviation Enterprise (NAE).

Chapter 2 - Aircraft Controlling Custodians (ACCs) and Type Wing and Carrier Air Wing (CVW)

1. Updates roles and responsibilities of Aviation Maintenance Management Teams (AMMTs).
2. Requires activities to provide AMMT self-assessment reports prior to Aviation Maintenance Inspection (AMI).

Chapter 3 - Maintenance Concepts, Programs, and Processes; Maintenance Unit Department; Division Organization; Manpower Management; and Aviation Officers

1. Clarifies Automated Weight and Balance System (AWBS) back-up media.
2. Adds AIRSpeed specific training requirements and Maintenance Officer Personal Qualification Standards (PQS) to the training requirements/recommendations for Aviation Ground Maintenance Officers.
3. Establishes policy prohibiting painting low observant aircraft with squadron/air wing colors.
4. Adds Maintenance Master Chief Petty Officer (MMCPO) billet description and responsibilities.
5. Removes I-level Marine Corps Ordnance Division from I-level Maintenance Department Organization (Marine Corps).
6. Notes that Unmanned Aerial Vehicles (UAVs) may not require Functional Check Flight (FCF) unless directed by Type/Model/Series (T/M/S) Naval Air Training and Operating Procedures Standardization (NATOPS).
7. Updates the Nondestructive Inspection (NDI) Program to include training and certification requirements.
8. Adds Global Test Facilities that are not specifically covered by Gas Turbine Engine Test Systems (non-GTETS).
9. Re-identifies reference for Interservice Support Program responsibilities.
10. Adds Fleet Readiness Center (FRC) Production Control vibration testing responsibilities.

11. Updates Monthly Maintenance Plan (MMP) requirements to include use of authorized computer systems and programs to reduce paperwork.
12. Replaces Survival Equipment Asset Tracking System (SEATS) Program for tracking Aviation Life Support Systems (ALSS) and pilot/aircrew gear with Virtual Fleet Support Cartridge Actuated Device/Propellant Actuated Device (VFS CADPAD), Traceability (TRACE) Life Support.
13. Adds reference OPNAVINST 8023.24A to Explosive Handling Personal Qualification and Certification Program.
14. Corrects W&B classification from Type to Class.
15. Corrects aircraft paint schemes manual to read MIL-STD-2161B(AS).

Chapter 4 - Marine Aviation Logistics Squadron (MALS) Maintenance, Ordnance and Supply Activity Organization

1. Redesignates MALS Ordnance Division to MALS Ordnance Department.

Chapter 5 - Maintenance Control, Production Control, and Maintenance/Material Control; Aircraft Logbook (Paper), Reports, and Configuration Management (CM) Auto Log-sets (ALSs); and Aircraft Inventory Readiness and Reporting System (AIRRS)

1. Adds Aircraft Inventory Readiness and Reporting System (AIRRS).
2. Establishes use of D series document number with all BKO material requisitions. States that GB requisition series should only be used with ZF7 project code.
3. Removes Functional Check Flight (FCF) requirement on aircraft with on-board automated rotor vibration and diagnostic capability when making small incremental adjustments.
4. Adds provision establishing baseline date for inspections upon acceptance by the first fleet or test activity.
5. Clarifies Broad Arrow impact codes. Updates BKO and ZF7 project codes and document number assignment. Changes 72 hour BA report submission to immediate. Requires immediate submission of BA SEIS report for Transferring Activity.
6. Updates Monthly Maintenance Plan (MMP) requirements to include use of authorized computer systems and programs to reduce paperwork.
7. Updates aircraft/equipment cannibalization management. Redirects final cannibalization authority.
8. Notes that UAVs may not require FCF unless directed by T/M/S NATOPS.
9. Adds reference for additional MMP details.
10. Defines aircraft short-term transfer and acceptance inspection requirements.
11. Updates references and policies for the Technical Directive (TD) Compliance Program.
12. Adds Acceptance and Transfer inspection requirements for ALSS.
13. Replaces SEATS Program for tracking ALSS and pilot/aircrew gear with VFS CADPAD, TRACE Life Support.

14. Changes TQL to AIRspeed.

Chapter 6 - Production Divisions; Work Center Supervisor; Maintenance Training; and Training, Special Processes Certification and Licensing

1. Adds FRC engine test cell facilities in provisions to ensure standardization and reliability for Jet engine test facilities (cell or stand) maintenance responsibility.
2. Adds ALSS inspection and records requirements.
3. Replaces SEATS Program for tracking ALSS and pilot/aircrew gear with VFS CADPAD, TRACE Life Support.

Chapter 7 - Quality Assurance (QA) Division and Quality Programs

1. Adds requirement to retain Support Equipment (SE) misuse/abuse reports for 2 years. Authorizes electronic archiving.
2. Replaces Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) web site with Joint Deficiency Reporting System (JDRS) web site.
3. Updates requirements for artisan certification/qualification.
4. Establishes Maintenance Action Form/Work Order (MAF/WO) hydraulic sampling documentation requirement.
5. Moves Vibration Analysis Program provisions to Chapter 3.
6. Adds Vibration Analysis Program to quality programs.
7. Addresses accountability of artisan's QA stamp.
8. Clarifies posting of new verification Compass Calibration Card.
9. Changes TQL to AIRspeed.

Chapter 8 - Airborne Mine Countermeasures (AMCM) Systems Maintenance Department

No Changes

Chapter 9 - Material Management

1. Replaces NAMDRP web site with JDRS web site.

Chapter 10 - Naval Aviation Maintenance Program Standard Operating Procedures (NAMPSOPs)

1. Updates Hydraulic Contamination Control Program references and responsibilities for Program Manager/Coordinator, Program Monitor, Maintenance/Production Control, Logs and Records, and the Work Center Supervisor.
2. Adds Maintenance Material Readiness List (AMMRL) and Aircraft Armament Equipment (AAE) to Quality Assurance Audit.

3. Allows the NDI technician to conduct several inspections in multiple squadrons/locations without returning to the FRC/MALS after each inspection by ensuring the respective squadron performs tool and consumable inventory.

4. Replaces NAMDRP web site with JDRS web site.

5. Establishes MAF/WO hydraulic sampling documentation requirement.

6. Requires all NAMPSOP Program Managers to perform a self-audit within 30 days of designation as Program Manager.

7. Adds method and reference for test cell underground fuel tank sampling.

8. Updates and adds requirements to the Hazardous Material Control and Management (HMC&M) Program.

9. Changes oil charting requirements to optional for engines capable of electronic oil consumption monitoring.

10. Adds FRC D-Level Tire and Wheel examination development and administration requirements and updates figures 10.6-10 and 10.6-11.

11. Adds note for non-GTETS facilities.

12. Adds FRC (D-Level) representative to GTETS qualification requirement.

13. Updates Corrosion Control course requirements for O-level and I-level QARs.

14. Adds references to Electromagnetic Interference/Electrostatic Discharge (EMI/ESD) program for PRC-2000 2M System Electronic Rework Power Unit.

15. Updates Maintenance Officer (MO) MMP responsibilities.

16. Reinforces Y-coding and returning Intermediate Maintenance Activity (IMA) repaired material to Supply in lieu of submitting a Product Quality Deficiency Report (PQDR).

17. Updates TPDRs and non-web reporting.

18. Adds Dry Bay Fire Suppression Systems and Cable Cutting systems to the Egress/Explosive System Checkout required training areas.

19. Identifies a qualified and certified AME instructor as the only acceptable program manager in T/M/S aircraft with ejection seats.

20. Adds requirement for the Program Manager to maintain a program binder with copies of all Egress/Explosive System Checkout forms in non-Advanced Skills Management (ASM) commands.

21. Updates references and policies for the TD Compliance Program.

22. Changes Aircraft Discrepancy Report (ADR) to Aircraft Inventory Discrepancy Report (AIDR).

23. Clarifies personnel requirements when handling liquid or gaseous oxygen.

24. Removes FOD Prevention Program quarterly audit requirements.

25. Changes COMNAVAIRFOR (N442) to COMNAVAIRFOR (N421) for process ownership responsibilities of AIDR Program.

26. Corrects D-level artisans corrosion control course requirements.

Chapter 11 - Contractor Maintenance, Commercial Derivative Aircraft Maintenance Programs, and Aspects of Aeronautical Weapons System Acquisition

No Changes

Chapter 12 - Classification of Commander, Fleet Readiness Center (COMFRC) and Fleet Readiness Center (FRC) Organization; In-Service Support Center (ISSC) Functions; Production Planning and Management; and NAVAIR Depot Maintenance System (NDMS)

1. Moves FRC vibration analysis requirements to Chapter 3.
2. Redirects NAMDRP policies and procedures to Chapter 10.
3. Deletes Total Quality Management Program Office.

Chapter 13 - Naval Aviation Logistics Command Management Information System (NALCOMIS) and Naval Tactical Command Support System (NTCSS) Optimized Organizational Maintenance Activity (OMA) NALCOMIS Data Collection System Center (NDCSC)

No Changes

Chapter 14 - Introduction to the Maintenance Data System (MDS), MDS Reports, and MDS Analysis

1. Updates data accuracy.

Chapter 15 - Organizational Level (O-Level) Maintenance Data System (MDS) Functions, Responsibilities, and Source Document Procedures

No Changes

Chapter 16 - Intermediate Level (I-Level) Maintenance Data System (MDS) Functions, Responsibilities, and Source Document Procedures

1. Removes requirement for NDI MAF/WO inspected block to be signed by FRC/MALS CDI, CDQAR, or QAR for tool accountability. This allows the NDI technician to conduct several NDI inspections in multiple squadrons/locations without returning to the FRC/MALS after each inspection, ensuring the respective squadron maintains maximum tool control for NDI technician.

Chapter 17 - Aircraft Material Condition Readiness

1. Renames the chapter title.
2. Adds Mission-Essential Subsystems Matrix/Matrices (MESM).

Appendix A - Acronyms, Abbreviations, and Definitions

1. Updates acronyms, abbreviations, and definitions.

Appendix B - Forms and Reports

1. Updates forms and reports.

Appendix C - Directives and Publications

1. Updates directives and publications.

Appendix D - Local Command Procedures

No changes

Appendix E - Maintenance Documentation Codes

1. Adds Fiber Optic Malfunction (MAL) Codes.
2. Adds Work Center Code 31P, Propeller Repair Shop (Marine Corps only).
3. Removes local assignment capability of the third position numeric character for work center codes.
4. Adds action codes for Aircraft Inventory Readiness and Reporting System (AIRRS).
5. Adds FRC work centers and updates 400 Division work center codes.
6. Deletes Malfunction Code 080.

Appendix F - Data Entry Procedures

No Changes.

Appendix G – Index

1. Updates the index.

General

1. Changes NADEP to FRC.
2. Clarifies file format when performing backup of Aircraft AADB Summary pages.
3. Changes Aircraft Engine Management System (AEMS) to Decision Knowledge Programming for Logistics Analysis and Technical Evaluation (DECKPLATE).
4. Removes EOC codes A and B and Optimal Performance Capable (OPC) status.